

## CLAIM AMENDMENTS

### IN THE CLAIMS

This listing of the claims will replace all prior versions, and listing, of claims in the application or previous response to office action:

- 1-7. (Canceled)
8. (Currently Amended) A method of making a suture material comprising:  
isolating a nucleic acid;  
modifying the nucleic acid; ~~and~~  
forming a nucleic acid filament, wherein forming the filament comprises extruding the purified nucleic acid through a spinneret, and drying the extruded nucleic acid.
9. (Original) The method of Claim 8, wherein the nucleic acid comprises at least 95% DNA per total nucleic acid.
10. (Currently Amended) The method of Claim 8, wherein the modifying comprises at least one technique selected from the group consisting of: capping, crosslinking, methylation, ethylation, and attachment of a protein or ~~small~~ molecule.
11. (Canceled)
12. (Currently Amended) The method of Claim 8, further comprising adding a biodegradable [[co]]polymer to the modified nucleic acid.

13. (Currently Amended) The method of Claim 12, wherein the biodegradable [[co]]polymer is selected from the group consisting of: polylactic acid, polyglycol alginate, polyglycolic acid, poly amino acids, polysaccharides, cellulose acetate, hyaluronic acid and collagen.

14-51. (Canceled)